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(71) Applicant (for all designated States except US): **E2V TECHNOLOGIES LIMITED** [GB/GB]; 106 Waterhouse Lane, Chelmsford, Essex CM1 2QU (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ALLEN, Brian, Philip** [GB/GB]; 30 Church Lane, Toppesfield, Essex

CO9 4DS (GB). **ZHOU, Xiao-Feng** [GB/GB]; 53 Barlows Reach, Chelmsford, Essex CM2 6SN (GB). **GILBERT, Richard** [GB/GB]; 3 Riverbank Court, Shrublands Close, Chelmsford, Essex CM2 6WY (GB).

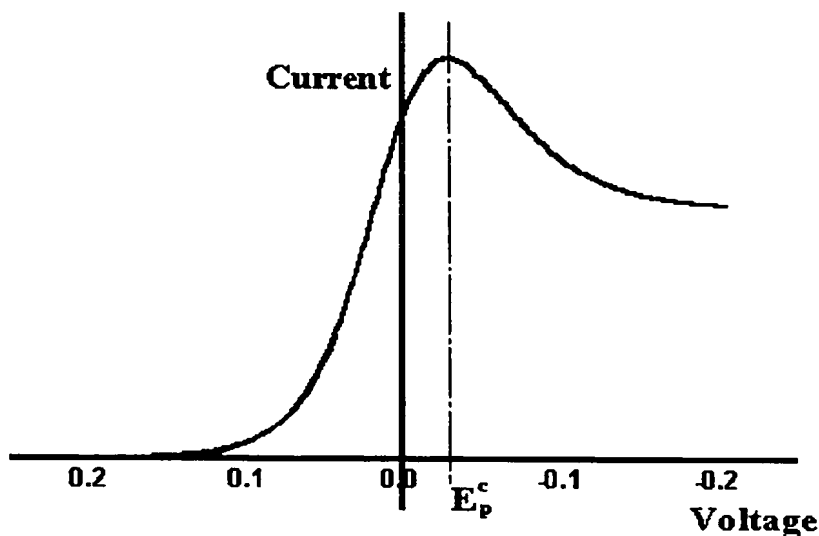
(74) Agent: **THORNTON, Neil; Reddie & Grose**, 16 Theobalds Road, London WC1X 8PL (GB).

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(54) Title: **ELECTROCHEMICAL SENSING USING AN ENZYME ELECTRODE**



(57) Abstract: Electrodes for use in electrochemical assays to determine whether a candidate drug is metabolised by an oxidative drug-metabolising enzyme (DME) are described. In a first type of electrode the DME is immobilised at the surface of the electrode. In a second type of electrode, a surface of the electrode is modified by the covalent or non covalent addition of chemical groups to allow efficient transfer of electrons from the electrode to the DME in solution. Use of the electrodes in electrochemical assays are described, as well as electrochemical reaction chambers comprising the electrodes.